ACADEMIC CURRICULA

UNDERGRADUATE INTEGRATED POST GRADUATE DEGREE PROGRAMMES

(With exit option of Diploma)

(Choice Based Flexible Credit System)

Regulations 2021

Volume - 1

(Revised on July 2024)



SRM INSTITUTE OF SCIENCE AND TECHNOLOGY

(Deemed to be University u/s 3 of UGC Act, 1956)
Kattankulathur, Chengalpattu District 603203,
Tamil Nadu, India



SRM INSTITUTE OF SCIENCE AND TECHNOLOGY Kattankulathur, Chengalpattu District 603203, Tamil Nadu, India

19. B.Tech. in Computer Science and Engineering with Specialization in Artificial Intelligence and Machine Learning

19. (a) Mission of the Department

Mission Stmt – 1	To impart knowledge in cutting edge Computer Science and Engineering technologies in par with industrial standards.
Mission Stmt – 2	To collaborate with renowned academic institutions to uplift innovative research and development in Computer Science and Engineering and its allied fields to serve the needs of society
Mission Stmt – 3	To demonstrate strong communication skills and possess the ability to design computing systems individually as well as part of a multidisciplinary teams.
	To instill societal, safety, cultural, environmental, and ethical responsibilities in all professional activities
Mission Stmt – 5	To mould the students to be technically competent through innovation and to inculcate the leader skills, professional ethics, environment protection and societal concerns with life-long learning.

19. (b) Program Educational Objectives (PEO)

PEO – 1	Graduates will be able to perform in technical/managerial roles ranging from design, development, problem solving to production support in software industries and R&D sectors.
PEO – 2	Graduates will be able to successfully pursue higher education in reputed institutions.
PEO – 3	Graduates will have the ability to adapt, contribute and innovate new technologies and systems in the key domains of Computer Science and Engineering.
PEO – 4	Graduates will be ethically and socially responsible solution providers and entrepreneurs in Computer Science and other engineering disciplines.
PEO – 5	Graduates will have the ability to explore research areas and produce outstanding contribution in various areas of Systems Engineering

19. (c) Mission of the Department to Program Educational Objectives (PEO) Mapping

	Mission Stmt 1	Mission Stmt 2	Mission Stmt 3	Mission Stmt 4	Mission Stmt 5
PEO - 1	3		William St. Com.	1954 - 12	1
PEO - 2		21 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2		-
PEO - 3		3	3		- ·
PEO - 4	- CO.		The state of the s	2	3
PEO - 5		413 6 2	3	3	3

^{3 -} High Correlation, 2 - Medium Correlation, 1 - Low Correlation

19. (d) Mapping Program Educational Objectives (PEO) to Program Outcomes (PO)

	1	J	N		Pro	gram Ou	tcomes (PO)	- 8			ومحرر	Prog	Program Specific		
	1	2	3	4	5	6	7	8	9	10	-11	12	Outo	comes (P	SO)	
	Engineeri <mark>ng</mark> Knowledge	Problem Analysis	Design/development of solutions	Conduct investigations of complex problems	Modern Tool Usage	The engineer and society	Environment & Sustainability	Ethics	Individual & Team Work	Communication	Project Mgt. & Finance	Life Long Learning	PSO-1	PSO-2	PSO-3	
PEO - 1	3	4	7.0	1	-	2	-	3	2	3	49		3	-	-	
PEO - 2	-	2	2		3	-	3	2		4.5	-	-	-	-	3	
PEO - 3	-	3	3	2	1				,	2	-	3	1	3	-	
PEO - 4	-	2	3	-	-	3	2	-	2	-	2	2	-	-	3	
PEO - 5	-	3	3	-	3	-	-	-	3	-	3	3	-	2	3	

^{3 –} High Correlation, 2 – Medium Correlation, 1 – Low Correlation

PSO - Program Specific Outcomes (PSO)

PSO - 1	To understand, analyze, design, and develop computing solutions by applying fundamental concepts of computer science and engineering.
PSO - 2	To apply computing principles, skills and practices to develop solutions using logical and reasoning skills, for real life problems.
PS() - 3	Ability to utilize Artificial Intelligence and Machine learning principles to design and develop cutting edge solutions for meeting the current demand of the industry.

19. (e) Program Structure: B.Tech. in Computer Science and Engineering with Specialization in Artificial Intelligence and Machine Learning

	Humanities & Social Sciences						Basic Science Courses (B)				
	including Management Courses (H)					Course	Course		lours		
Course	Course		ours			Code	Title	_\	Wee		
Code	Title	١ ٧	Veel					L	Т	Р	С
241 514045	Communicative Facilies	2	1	P 0	C 3	21PYB102J	Semiconductor Physics and	3	1	2	5
	Communicative English Chinese			U	3	21CYB101J	Computational Methods Chemistry	3	1	2	5
	French						Calculus and Linear Algebra	3	1	0	4
	German						Advanced Calculus and Complex		Ľ	U	4
	Japanese	2	1	0	3	21MAB102T	Analysis	3	1	0	4
21LEH106T		_	'			044450045	Transforms and Boundary Value		,	_	
	Spanish					21MAB201T	Problems	3	1	0	4
21LEH108T							Probability and Queueing Theory	3	1	0	4
	Philosophy of Engineering	1	0	2	2		Discrete Mathematics	3	1	0	4
21PDH209T 1	Social Engineering	2	0	0	2	21BTB102T	Introduction to Computational Biology	2	0	0	2
21GNH401T	Behavioral Psychology	2	1	0	3		Т	otal	Cre	dits	32
	T ₁	otal	Cre	dits	13						
	Engineering Science Courses (S)						Professional Core Courses (C)				
Course	Course	Н	ours	<i>s</i> /		0		H	lour	s /	
Course	Title	V	Veel		Į	Course Code	Course Title		Wee		
		L	Τ	Р	С	Code		L	Т	Р	С
21MES101L 1		0	0	4	2	21CSC101T	Object Oriented Design and	2	1	0	3
21MES102L 1		0	0	4	2		Programming				
21EES101T	Electrical and Electronics Engineering	3	1	0	4	21CSC201J		3	0	2	4
21CSS101J	Programming for Problem Solving	3	0	2	4	21CSC202J		3	0	2	4
21CSS201T	Computer Organization and Architecture	3	1	0	4	21CSC203P		3	1	0	4
21DCS201P 1		1	2	0	3	21CSC204J		3	0	2	4
21CSS303T	Design minking and Methodology Data Science	2	0	0	2	21CSC205P 21CSC206T		2	1	0	4
210000001		otal	_	-		21CSC2001		3	0	0	3
		otai	010	uito		21CSC302J		3	0	2	4
	Non Credit Courses (M)		lours	2 /			Coffeen Franciscoving and Drainet		Ť		Ė
Course	Course		Nee			21CSC303J	Management	2	0	2	3
Code	Title	Ε.	T	Р	С	21CSC304J		2	0	2	3
21PDM101L 1	Professional Skills and Practices	0	0	2	Ŭ	21CSC305P		2	1	0	3
	General Aptitude	0	0	2		21CSC401J		3	0	2	4
	Verbal Reasoning	0	0	2		21CSC402P	1 Report Writing	2	0	0	2
21PDM202L 1	Critical and Creative Thinking Skills	0	0	2	0			otal	Cre	dits	48
	Analytical and Logical Thinking Skills	0	0	2			Open Elective Courses (O)				
	Employability Skills and Practices	0	0	2			(Any 3 courses)				
	Environmental Science	1	0	0	0			Н	lours	. /	
	Constitution of India	1	0	0	0	Course	Course		Nee		
	Universal Human Values – Introduction	1	0	0	0	Code	Title		Т		С
21LEM201T ¹	Professional Ethics	1	0	0	0	21CSO351T	Web Programming	2	1	0	3
241 EM202T 1	Universal Human Values-II:	2	1	0	3		Python Programming	2	1	0	3
	Understanding Harmony and Ethical Human Conduct	2	1	0	3		Mobile Application Development	2	1	0	3
	Indian Art Form	1	0	0	0	21CSO354T	Data Analytics	2	1	0	3
	Indian Traditional Knowledge	1	0	0	0		Т	otal	Cre	dits	09
	Physical and Mental Health using Yoga		Ť	Ĭ	Ť	Project Wo	rk, Seminar, Internship in Industry / Hig	her	Tecl	nnic	al
	National Service Scheme	_	^	_	_		Institutions (P)	,•			
	National Cadet Corps	0	0	2	0	Ca		Но	ours	/	
	National Sports Organization					Course Code	Course Title	W	/eek		
		otal	Cre	dits	03					Р	С
						21GNP301L		-	0	2	1
						21CSP302L			_	6	3
						21CSP303T			0	0	
						21CSP401L			_	30	15
						21CSP402L				20	10
						21CSP403L		0 otal (-	10 lite	5
							- 10	uldi (orec	แร	19
<u> </u>						1					

	Professional Elective Courses (E) (Any 6 Courses)						Professional Elective Courses (E)				
Course Code	Course Title		ours Veel	<	٠	Course Code	Course Title		ours Veel	k)
	Programming in Java	2	1	P 0	3 2	21CSE396T	Design Principles of Smart Space	3	0	P 0	C 3
21CSE272T	Digital Image Processing Genetic algorithm and its applications	3	0	0	3	21CSE421T	Management Business Intelligence and Analytics	2	1	0	3
	Robot Programming Software Engineering in Artificial	2	1	0	3		Pattern Recognition Techniques Computer Vision	2	1	0	3
2103E312P	Intelligence Accelerated Data science	2	1	0	3		Artificial Intelligence in Genomics and Disease Prediction	3	0	0	3
	Artificial Neural Networks	3	0	0	3	21CSE412T	Machine learning in Drug Discovery	3	0	0	3
21CSE355T	Data Mining and Analytics	2	1	0	3		IoT concepts and applications	3	0	0	3
	Natural Language Processing	2	1	0	3		Fuzzy Logic and its applications	3	0	0	3
21CSE371T	Advanced Algorithms	3	0	0	3	21CSE416T	Robotics: Computational Motion Planning	3	0	0	3
21CSE323T	Marketing Analytics	2	1	0	3	21CSE417T	Reinforcement Learning Techniques	2	1	0	3
21CSE375T	Computational Neuroscience	3	0	0	3	21CSE418T	Cyber Physical systems	3	0	0	3
21CSE376T	Nature Inspired Computing Techniques	3	0	0	3		T	otal	Cre	dits	18
21CSE377T	Information Retrieval	3	0	0	3		ZAVA N				



19. (f) Programme Articulation: B.Tech. in Computer Science and Engineering with Specialization in Artificial Intelligence and Machine Learning

					0	roars	ım ∩ıı	tcome	s (PO)					PSO	
		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3
Course Code	Course Name	Engineering Knowledge	Problem Analysis	Design/development of solutions	of	Modern Tool Usage	The engineer and society	Environment & Sustainability	Ethics	Individual & Team Work	Communication	Project Mgt. & Finance	Life Long Learning	PSO-1	PSO-2	PSO-3
				Des	Son	Mo	The	En	Eth	pul	Ŝ			S	S	
	Programming for Problem Solving	2	3	-	-	-	-		٠.	-	-	-	2	-	3	-
21CSS303T	Computer Organization and Architecture	-	-	-	-			-		# ₁₀	-		-	<u>1</u> 1	1	- 1
	Data Structures and Algorithms	3	3	3	1		-	-			٠.		-	1	2	2
	Object Oriented Design and Programming	-	2	2	-	2	7.		-				3	<u>'</u>	2	2
	Design and Analysis of Algorithms	2	1	2	1	-	7 - 14 - 1	4	Ť.	-	3		3	3	1	-
	Operating Systems	3	3	3	2		_			÷	-	-	3	2		-
	Software Engineering and Project	J	3	J		-	_		-	•	-	-	3		-	-
	Management	-	3	2	-	-	-	1		2	A.	2	"	3	-	-
	Advanced Programming Practice	3	2	2	1	2	_	-		1				2		-
	Formal Language and Automata	2	2	2	1.0		-	_		-			_	-	3	-
21CSC302.I	Computer Networks	3	-		2	- 3	_	_	_		-		_	1	-	-
	Database Management Systems	3	- 2	2	-	-	-	_	_		_	7	١	2	1	-
	Compiler Design	3	3	2	3	2	_		_	_		_	-	-	1	_
	Artificial Intelligence	1	2	3	-	-	452.5	_	_	_				1	2	
	Machine Learning	14-	3	-	3	4.75	- 1-			٠.	-	-		<u> </u>	1	3
	Digital Image Processing	3	2	2	3		-	- [7.	-			- 7	2	3	-
	Programming in Java	3	2	1	2			-	-	127		-	1	- 3	2	_
	Genetic Algorithm and its applications	1	2	3	73.5				_	٠		-	ė	3	1	
	Introduction to Cognitive Neuroscience	1	3	2	2	1	301	760				_	-1	3	2	-
	Robot Programming	2	2	135	3	-		47.2	71	1	_	-		2	Ī	3
	Software Engineering in Artificial Intelligence		3	3		3		-	111		-	-	-	2	2	3
	Accelerated Data Science	_1	2	- 5.	3						-	-		1	-	2
	Marketing Analytics	-	-			-	140	-4	3	-	3	-		2	2	1
	Artificial Neural Networks	-	-	L F	-4	7 -		-	-	-	-	- ,	-	2	2	2
21CSE355T	Data Mining and Analytics	1	2	hr.	5	3	-	-	-	-	-		- 7	2	- 1	-
	Natural Language Processing	3	3	2	3	3	-	-	-	-	-	_	1	2		-
21CSE371T	Advanced Algorithms	-	2	100	2	-	-	-	-	-	7-	- 1		1	-	2
21CSE375T	Computational Neuroscience	3	1	1.4	-	•	-	-	-	•		4	-		2	3
	Nature Inspired Computing Techniques	3	3	196		-	-	-	-	-		<i>/</i> -	-	-	-	3
	Information retrieval	2	3	3	7.	. 2	-	-	-	-	-/	-	- ,	- 1	-	2
21CSE396T	Design Principles of Smart Space	3	- 2	2		_	-							1	2	3
	Management	J				- 10						, C			2	
	Philosophy of Cognitive science	_	3	4-4	3		-	-[A	1-1	-	/		1		3
	Logic and Knowledge representation	-	2	-	3	3			11-34	3-7		-	-	2		3
	Re <mark>inforcement L</mark> earning Techniques	3	3	-	3	-	-	-		_	-					3
	Cyber Physical Systems	3	3	2	-	-	-	-	-	-	-	-	-	2		3
	Business Intelligence and Analytics	_		_		_			3		3			2	2	2
	Pattern Reco <mark>gnition Techniques</mark>	3	2	2	-	2	-		-	_ 10 '	-	-	-	1	2	2
	Computer Vision	2	2	1	1	1		-	_4			-	-	3	-	2
	Artificial Intelligence in genomics and	3	3	2	-	-		4.			-	-	-	3	-	3
	disease prediction	3	2	3	1	1 1						-				2
	Machine learning in Drug Discovery IoT Concepts and applications	2	3	3	-	-	-	-	-	-	-	-	1	1	-	3
	Fuzzy Logic and its applications	3	2	3	-	-	-	-		-	-	-	-	1	2	3
	Robotics: Computational Motion Planning	3	3	2	-	-	-	-	-	-	-	-	-	1	2	3
	Deep Learning Techniques	J	3	-	2	-	-	-	-	3	-	-	2	ı		3
	Report Writing	-	2	-	3	-	-	-	3	-	-	-			-	2
21CSC402P 21CSP302L		2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
21CSP302L		2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	Major Project	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
	Major Project	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
21CSP402L		3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
21001 700L	Program Average	J	,	-	J	J	,	J	J	J	J	,	J	J	J	J
	i rogiani Averaye		I	l	1		Ī					<u> </u>				

19. (g) Implementation Plan: B.Tech. in Computer Science and Engineering with Specialization in Artificial Intelligence and Machine Learning

d .	Semester – I						Semester – II						
Cauran		Н	lours	<i>i </i>		Ca::::::		Н	lour	s/			
Course Code	Course Title	١	Neel	k		Course Code	Course Title	\	Nee	k			
		L	Τ	Р	С	Code	Title	L	Τ	Р	С		
	Communicative English	2	1	0	3	21LEH102T	Chinese						
	Calculus and Linear Algebra	3	1	0	4	21LEH103T	French						
	Semiconductor Physics and	3	1	2	5	21LEH104T	German						
	Computational Methods		,			21LEH105T	Japanese	2	1	0	3		
	Engineering Graphics and Design	0	0	4	2	21LEH106T	Korean						
	Electrical and Electronics Engineering	3	1	0	4	21LEH107T	Spanish						
	Programming for Problem Solving	3	0	2	4	21LEH108T	Russian						
	Environmental Science*	1	0	0	0	21GNH101J	Philosophy of Engineering	1	0	2	2		
21PDM101L 1	Professional Skills and Practices	0	0	2	0	21MAB102T	Advanced Calculus and Complex	2	1	0	1		
21LEM101T 1	Constitution of India	1	0	0	0		Analysis	3		U	4		
	1	otal	Cre	dits	22	21CYB101J	Chemistry		1	2	5		
						21BTB102T	Introduction to Computational Biology	2	0	0	2		
	Semester – III					21CSC101T	Object Oriented Design and	2	1	0	3		
Course	Course		lours				Programming		'	U			
Code	Title	\	Neel			21MES101L ¹	Basic Civil and Mechanical Workshop	0	0	4	2		
		L	T	Р	С		General Aptitude*	0	0	2	0		
21MAB201T	Transforms and Boundary Value	3	1	0	4		Physical and Mental Health using Yoga						
	Problems						National Service Scheme	0	Λ	2	0		
21DCS201P 1	Design Thinking and Methodology	1	2	0	3		National Cadet Corps	U	U		U		
21CSS201T	Computer Organization and	3	1	0	4	21GNM104L 1	National Sports Organization						
	Architecture		-	Ť	Í		Т	otal	Cre	dits	21		
21CSC201J	Data Structures and Algorithms	3	0	2	4		Semester – IV						
21CSC202J	Operating Systems	3	0	2	4				Ноп	irs /			
21CSC203P 1		3	1	0	4	Course	Course						
21LEM201T ¹		1	0	0	0	Code	Title	h			С		
21PDM201L 1		0	0	2	0	21MAB204T	Probability and Queueing Theory	1			_		
		otal	Cre	dits	23		Design and Analysis of Algorithms						
	Company V		_				Database Management Systems			_	4		
	Semester – V						Artificial Intelligence			-			
Course	Course		lours			E	Professional Elective-I	- '	+	+	3		
Code	Title	- \	Veel			21PDH209T ¹	Social Engineering	- 1	2 () 0	2		
04144 00000	D: (M // //	L	T	Р	C	21PDM202L ¹	Critical and Creative Thinking Skills						
21MAB302T	Discrete Mathematics	3	1	0	4	ZIFDIVIZUZL	Universal Human Values-II:	+	7 - 0	12	0		
21CSC301T		3	0	0	3	21LEM202T ¹	Understanding Harmony and Ethical	1	2 1	10	3		
21CSC302J	Computer Networks	3	0	2	4	ZILLIVIZOZI	Human Conduct	'	· ′	ľ	0		
21CSC305P1		2	1	0	3			[otal	Cr	edits	23		
E	Professional Elective – II				3			- Ottu	-	Juito	7 20		
0	Open Elective – I				3		A ()//	_					
21GNP301L 1		0		^	-		Semester – VI						
21PDM301L ¹		_	0	2	1	0		Н	ours	3 /			
041 5140045		0	0	2	0	Course	Course				С		
21LEM301T 1	Indian Art Form	1	0	2	0	Code					С		
21LEM301T	Indian Art Form	<u> </u>	0	2	0	Code	Course Title Data Science	1					
21LEM301T	Indian Art Form	1	0	2	0	Code 21CSS303T	Course Title	L 2	L T P 2 1 0 1 0 2 3 1 0 3 1 2 2 0 0 0 0 4 0 0 2 0 0 2 0 0 2 0 0 2 0 0 0 2 1 0 0 0 2 1 0 0 0 0 2 1 0 0 0 0 2 1 0 0 0 0 2 1 0 0 0 0 2 1 0 0 0 0 2 1 0 0 0 0 2 1 0 0 0 0 0 2 1 0 0 0 0 0 2 1 0 0 0 0 0 2 1 0 0 0 0 0 2 1 0 0 0 0 0 2 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0				
21LEM301T	Indian Art Form	1	0	2	0	Code 21CSS303T 21CSC303J	Course Title Data Science Software Engineering and Project Management	L 2 2	Vee T 0	P 0	C 2 3		
21LEM301T	Indian Art Form Semester – VII	1 Total	0 0 Cre	2 0 dits	0	Code 21CSS303T	Course Title Data Science Software Engineering and Project Management Compiler Design	L 2 2	Vee T 0	P 0 2	2 3 3		
Course	Semester – VII Course	1 Total	0 0 Cred	2 0 dits	0	Code 21CSS303T 21CSC303J 21CSC304J E	Course Title Data Science Software Engineering and Project Management Compiler Design Professional Elective – III	L 2 2	Vee T 0	P 0 2	2		
	Indian Art Form Semester – VII	1 Total	0 0 Cred	2 0 dits	0 0 21	Code 21CSS303T 21CSC303J 21CSC304J	Course Title Data Science Software Engineering and Project Management Compiler Design	L 2 2	Vee T 0	P 0 2	2 3 3		
Course Code	Semester – VII Course Title	1 Total	0 0 Cred	dits s/ k	0 0 21	Code 21CSS303T 21CSC303J 21CSC304J E	Course Title Data Science Software Engineering and Project Management Compiler Design Professional Elective – III	L 2 2	Vee T 0	P 0 2	2 3 3 3		
Course Code 21GNH401T	Semester – VII Course Title Behavioral Psychology	1 Total	0 0 Cred	2 0 dits	0 0 21 C	Code 21CSS303T 21CSC303J 21CSC304J E E O	Course Title Data Science Software Engineering and Project Management Compiler Design Professional Elective – III Professional Elective – IV	2 2 2	Vee T 0 0	P 0 2 2	2 3 3 3 3 3		
Course Code 21GNH401T E	Semester – VII Course Title Behavioral Psychology Professional Elective – V	1 Total	0 0 Cred	dits s/ k	0 0 21 C 3 3	Code 21CSS303T 21CSC303J 21CSC304J E E O 21CSP302L 1	Course Title Data Science Software Engineering and Project Management Compiler Design Professional Elective – III Professional Elective – IV Open Elective – II	2 2 2 0	Vee T 0 0 0 0 0 0 0 0	P 0 2 2 2 6	2 3 3 3 3		
Course Code 21GNH401T E E	Semester – VII Course Title Behavioral Psychology Professional Elective – V Professional Elective – VI	1 Total H	0 0 Cred	2 0 dits	0 0 21 C 3 3	Code 21CSS303T 21CSC303J 21CSC304J E C C 21CSP302L 21CSP303T 21CSP303T	Course Title Data Science Software Engineering and Project Management Compiler Design Professional Elective – III Professional Elective – IV Open Elective – II Project MOOC	2 2 2 0 3	Vee T 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	P 0 2 2 6 6 0	2 3 3 3 3 3		
Course Code 21GNH401T E E 21CSC401J	Semester – VII Course Title Behavioral Psychology Professional Elective – V Professional Elective – VI Deep Learning Techniques	1 Total	0 0 Cree	2 0 dits	0 0 21 C 3 3 3 4	Code 21CSS303T 21CSC303J 21CSC304J E C C 21CSP302L 21CSP303T 21CSP303T	Course Title Data Science Software Engineering and Project Management Compiler Design Professional Elective – III Professional Elective – IV Open Elective – II Project MOOC Employability Skills and Practices	2 2 2 0 3	Wee T 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	P 0 2 2 6 6 0	2 3 3 3 3 3 3		
Course Code 21GNH401T E E 21CSC401J 21CSC402P	Semester – VII Course Title Behavioral Psychology Professional Elective – V Professional Elective – VI Deep Learning Techniques	1 Total H	0 0 Cree	2 0 dits	0 0 21 C 3 3 3 4 2	Code 21CSS303T 21CSC303J 21CSC304J E C 21CSP302L 21CSP303L 21CSP303T 21PDM302L	Course Title Data Science Software Engineering and Project Management Compiler Design Professional Elective – III Professional Elective – IV Open Elective – II Project MOOC Employability Skills and Practices Indian Traditional Knowledge	2 2 2 0 3 0	Vee T 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	P 0 2 2 0 6 0 0 2 0 0	2 3 3 3 3 3 0 0		
Course Code 21GNH401T E E 21CSC401J	Semester – VII Course Title Behavioral Psychology Professional Elective – V Professional Elective – VI Deep Learning Techniques Report Writing Open Elective – III	Total H L 2	O O O O O O O O O O O O O O O O O O O	2 0 dits	0 0 21 C 3 3 4 2 3	Code 21CSS303T 21CSC303J 21CSC304J E C 21CSP302L 21CSP303L 21CSP303T 21PDM302L	Course Title Data Science Software Engineering and Project Management Compiler Design Professional Elective – III Professional Elective – IV Open Elective – II Project MOOC Employability Skills and Practices Indian Traditional Knowledge	2 2 2 0 3 0	Vee T 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	P 0 2 2 0 6 0 0 2 0 0	2 3 3 3 3 3 0 0		
Course Code 21GNH401T E E 21CSC401J 21CSC402P	Semester – VII Course Title Behavioral Psychology Professional Elective – V Professional Elective – VI Deep Learning Techniques Report Writing Open Elective – III	1 Total	O O O O O O O O O O O O O O O O O O O	2 0 dits	0 0 21 C 3 3 4 2 3	Code 21CSS303T 21CSC303J 21CSC304J E C 21CSP302L 21CSP303L 21CSP303T 21PDM302L	Course Title Data Science Software Engineering and Project Management Compiler Design Professional Elective – III Professional Elective – IV Open Elective – II Project MOOC Employability Skills and Practices Indian Traditional Knowledge	L 2 2 2 0 0 3 0 1 Total	Nee T	P	2 3 3 3 3 3 0 0		
Course Code 21GNH401T E 21CSC401J 21CSC402P 0	Semester – VII Course Title Behavioral Psychology Professional Elective – V Professional Elective – VI Deep Learning Techniques Report Writing Open Elective – III	1 Total H	0 0 Crediours Weel T 1	dits By Control of the control of t	0 0 21 C 3 3 4 2 3	Code 21CSS303T 21CSC303J 21CSC304J E C 21CSP302L 21CSP303L 21CSP303T 21PDM302L	Course Title Data Science Software Engineering and Project Management Compiler Design Professional Elective – III Professional Elective – IV Open Elective – II Project MOOC Employability Skills and Practices Indian Traditional Knowledge	0 3 0 1	T	P	2 3 3 3 3 3 0 0		
Course Code 21GNH401T E E 21CSC401J 21CSC402P 0	Semester – VII Course Title Behavioral Psychology Professional Elective – V Professional Elective – VI Deep Learning Techniques Report Writing Open Elective – III	1 Total H	0 0 Crediours Weel T 1	dits By Control of the control of t	0 0 21 C 3 3 4 2 3	Code 21CSS303T 21CSC303J 21CSC304J E C 21CSP302L 21CSP303L 21CSP303T 21PDM302L 21LEM302T	Course Title Data Science Software Engineering and Project Management Compiler Design Professional Elective – III Professional Elective – IV Open Elective – II Project MOOC Employability Skills and Practices Indian Traditional Knowledge T Semester - VIII	V L 2 2 2 2 2 0 3 0 1 Total Hdwww.	Vee T 0 0 0 0 Cre Durss	P 0 2 2 6 6 0 2 0 0 edits	2 3 3 3 3 3 0 0 20		
Course Code 21GNH401T E E 21CSC401J 21CSC402P 0	Semester – VII Course Title Behavioral Psychology Professional Elective – V Professional Elective – VI Deep Learning Techniques Report Writing Open Elective – III	1 Total H	0 0 Crediours Weel T 1	dits By Control of the control of t	0 0 21 C 3 3 4 2 3	Code 21CSS303T 21CSC304J E O 21CSP302L ¹ 21CSP303T ¹ 21PDM302L ¹ 21LEM302T ¹ Course Code	Course Title Data Science Software Engineering and Project Management Compiler Design Professional Elective – III Professional Elective – IV Open Elective – II Project MOOC Employability Skills and Practices Indian Traditional Knowledge T Semester - VIII Course Title	L 2 2 2 2 0 3 0 1 1 1 1 1 1 1 1 1	T	P	2 3 3 3 3 3 0 0 20		
Course Code 21GNH401T E E 21CSC401J 21CSC402P 0	Semester – VII Course Title Behavioral Psychology Professional Elective – V Professional Elective – VI Deep Learning Techniques Report Writing Open Elective – III	1 Total H	0 0 Cresiours Weel T 1	dits By Control of the control of t	0 0 21 C 3 3 4 2 3	Code 21CSS303T 21CSC304J E O 21CSP302L 1 21CSP303T 1 21PDM302L 1 21LEM302T 1 Course Code 21CSP401L	Course Title Data Science Software Engineering and Project Management Compiler Design Professional Elective – III Professional Elective – IV Open Elective – II Project MOOC Employability Skills and Practices Indian Traditional Knowledge T Semester - VIII Course Title Major Project	L 2 2 2 2 3 3 0 1 Total Hdwww.	Vee T	P	2 3 3 3 3 3 0 0 20		
Course Code 21GNH401T E E 21CSC401J 21CSC402P 0	Semester – VII Course Title Behavioral Psychology Professional Elective – V Professional Elective – VI Deep Learning Techniques Report Writing Open Elective – III	1 Total H	0 0 Cresiours Weel T 1	dits By Control of the control of t	0 0 21 C 3 3 4 2 3	Code 21CSS303T 21CSC304J E O 21CSP302L 1 21CSP303T 1 21PDM302L 1 21LEM302T 1 Course Code 21CSP401L 21CSP402L	Course Title Data Science Software Engineering and Project Management Compiler Design Professional Elective – III Professional Elective – IV Open Elective – II Project MOOC Employability Skills and Practices Indian Traditional Knowledge T Semester - VIII Course Title Major Project Major Project	L 2 2 2 2 0 1 1 1 1 1 1 1 1 1	Vee T 0 0 0 0 0 0 Cre T 0 0 0 0 T 0 0 0	P	2 3 3 3 3 3 0 0 20		
Course Code 21GNH401T E E 21CSC401J 21CSC402P 0	Semester – VII Course Title Behavioral Psychology Professional Elective – V Professional Elective – VI Deep Learning Techniques Report Writing Open Elective – III	1 Total H	0 0 Cresiours Weel T 1	dits By Control of the control of t	0 0 21 C 3 3 4 2 3	Code 21CSS303T 21CSC304J E O 21CSP302L 1 21CSP303T 1 21PDM302L 1 21LEM302T 1 Course Code 21CSP401L	Course Title Data Science Software Engineering and Project Management Compiler Design Professional Elective – III Professional Elective – IV Open Elective – II Project MOOC Employability Skills and Practices Indian Traditional Knowledge T Semester - VIII Course Title Major Project Internship#	L 2 2 2 0 3 0 1	Vee T	P	2 3 3 3 3 3 0 0 20		



SRM INSTITUTE OF SCIENCE AND TECHNOLOGY

(Deemed to be University u/s 3 of UGC Act, 1956)

Kattankulathur, Chengalpattu District 603203, Tamil Nadu, India